



Product Information Sheet

Monoclonal Anti-Myosin(Smooth) – Magnetic Bead Conjugate

Catalogue No. MA1065-M

Immunogen

Human uterus smooth muscle extract.

Lot No. 08A12

Purification

Clone: MS-13

Purified by the goat anti-mouse IgG affinity chromatography.

Ig type: mouse IgG1

Formulation

Size: 200µl

Each vial contains 1mg/ml Magnetic Bead in PBS, pH 7.2, 0.05mg NaN₃.

Specificity

Human, rabbit, chicken.

No cross reactivity with other proteins.

Storage

Store at 4°C for frequent use.

Recommended application

Immunoprecipitation(IP)

Description

This Antagene antibody is immobilized by the covalent reaction of hydrazinonicotinamide-modified antibody with formylbenzamide-modified beads. It is useful for immunoprecipitation.

BACKGROUND

Myosin is composed of 2 heavy chains of about 200,000 daltons each and 4 light chains of about 20,000 daltons each. Southern blots of a panel of hybrids containing different portions of human chromosome 16 localized the gene to 16p13.13-p13.12.

REFERENCE

1. Deng, Z.; Liu, P.; Marlton, P.; Claxton, D. F.; Lane, S.; Callen, D. F.; Collins, F. S.; Siciliano, M. J. : Smooth muscle myosin heavy chain locus (MYH11) maps to 16p13.13-p13.12 and establishes a new region of conserved synteny between human 16p and mouse 16. *Genomics* 18: 156-159, 1993.
2. Khau Van Kien, P.; Mathieu, F.; Zhu, L.; Lalande, A.; Betard, C.; Lathrop, M.; Brunotte, F.; Wolf, J.-E.; Jeunemaitre, X. : Mapping of familial thoracic aortic aneurysm/dissection with patent ductus arteriosus to 16p12.2-p13.13 *Circulation* 112: 200-206, 2005.

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